

E/C

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/809,807	KIN, HIDENORI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Susan S. Lee	2852	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to supplemental amendment filed 1/6/05.
2. ☒ The allowed claim(s) is/are 1-28.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

### **REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance:

The primary reason for allowance of claims 1, 9/1, 11, 18/11, and 24-26 is the inclusion of a counter or a method for determining a first amount of toner consumed in a first region, of a recording medium, in which a toner image is formed; a first storage or a method for storing an offset value indicating a consumption rate of toner in a second region, of the recording medium, in which the toner is not formed; and a device or a method of determining a second amount of toner consumed, based on the offset value, and determining a total amount of toner consumed based on the first and second amounts. This is found in all of claims 1, 9/1, 11, 18, and 24-26, but not disclosed nor suggested by the prior art of record.

The primary reason for allowance of claims 2, 9/2, 12, 18/12, and 27 is the inclusion of a counter or a method for determining a first amount of toner consumed in a first region, of a recording medium, in which a toner image is formed; a first storage or a method for storing a value related to a second amount of the toner consumed by forming a test image; and a device or a method of determining a second amount of toner consumed, based on the value stored, and determining the total amount of toner consumed based on the first and second amounts. This is found in all of claims 2, 9/2, 12, 18/12, and 27 but not disclosed nor suggested by the prior art of record.

The primary reason for allowance of claims 3-5, 9/3, 13-15, 18/13, and 28 is the inclusion of a counter or a method for determining a first amount of toner consumed in a first region, of a recording medium, in which a toner image is formed; a first storage or a

Art Unit: 2852

method for storing a value related to a second amount of the toner consumed other than in the formation of the toner image on the recording medium; and a device or method of determining a second amount of toner consumed, based on the value stored in the first storage, and determining the total amount of toner consumed based on the first and second amounts. This is found in all of claims 3-5, 9/3, 13-15, 18/13, and 28, but not disclosed nor suggested by the prior art of record.

The primary reason for allowance of claims 6-8, 10, 16, 17, and 19-23 is the inclusion of a counter or a method for determining a first amount of toner consumed in a first region, of a recording medium, in which a toner image is formed; a first storage or a method for storing a value related to a second amount of the toner consumed for forming a first test image; a second storage or a method for storing a third amount of toner consumed for forming a second test image; and a device or method of determining a second amount of toner consumed, based on the first value, determining the third amount of toner consumed based on the second value, and determining the total amount of toner consumed based on the first, second, and third amounts. This is found in all of claims 6-8, 10, 16, 17, and 19-23, but not disclosed nor suggested by the prior art of record.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2852

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan S. Lee whose telephone number is 571-272-2137. The examiner can normally be reached on Mon. - Fri., 10:30-8:00, Second Monday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Art Grimley can be reached on 571-272-2136 or 571-272-2800 (Ext. 52). The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Susan S. Lee  
Primary Examiner  
Art Unit 2852

sl